

DETAIL: TYPICAL TRAM WAY SECTION WITH SHORING

NOT TO SCALE

\*NOTE:

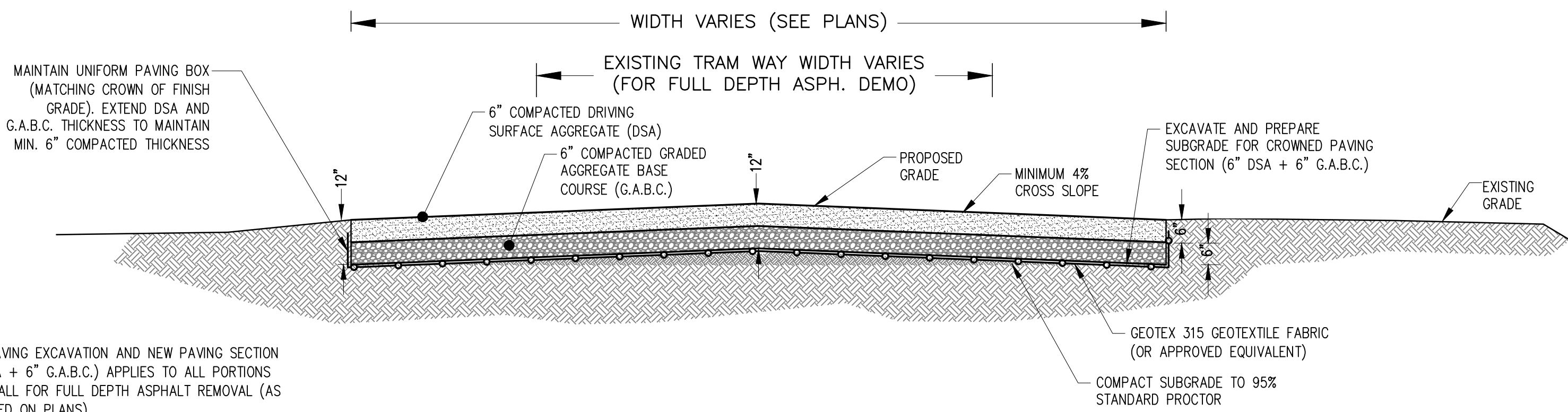
CONTRACTOR TO SELECT MINIMUM 16 FT LONG, MARINE GRADE (CCA TREATED) SOUTHERN YELLOW PINE 6"x6" POSTS, FREE FROM DEFECTS FOR DRIVING. PILES ARE TO BE DRIVEN PLUMB, WITH CARE TAKEN TO AVOID DAMAGE TO THE POST TO ALLOW ATTACHMENT OF LAGGING AND TIE ROD.

POST TO BE DRIVEN TO A MINIMUM EMBEDDED DEPTH OF 10 FT UNLESS OTHERWISE DIRECTED BY GEOTECHNICAL ENGINEER.

POSTS TO BE SPACED AT A MAXIMUM OF 4 FT ON-CENTER. CONTRACTOR TO FIELD ADJUST AS NEEDED TO AVOID CONFLICTS ENCOUNTERED IN THE FIELD.

GALVANIZED TIE ROD TO BE SPACED EVERY OTHER SET OF POSTS AS SHOWN IN THE TYPICAL PLAN VIEW. MAXIMUM SEPARATION OF 8 FT ON CENTER.

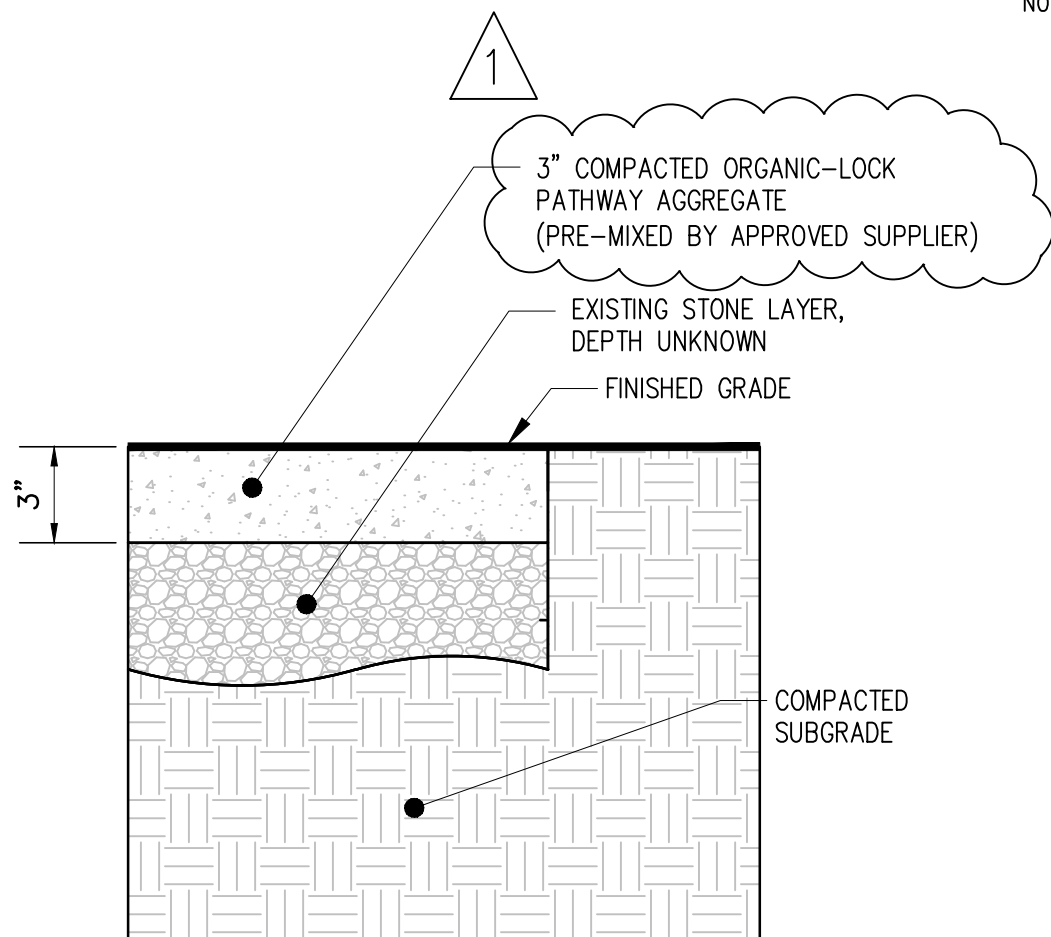
LAGGING SHALL BE NOMINAL 3" MARINE GRADE (CCA TREATED) SOUTHERN YELLOW PINE, FREE FROM DEFECTS. LAGGING BOARDS SHALL EXTEND FROM TOP OF FINISHED GRADE TO BOTTOM OF STONE SUBBASE.



NOTE:  
THIS PAVING EXCAVATION AND NEW PAVING SECTION (6" DSA + 6" G.A.B.C.) APPLIES TO ALL PORTIONS THAT CALL FOR FULL DEPTH ASPHALT REMOVAL (AS INDICATED ON PLANS).

TYPICAL TRAM WAY SECTION W/O SHORING  
DETAIL: (FOR LIMITS OF FULL DEPTH ASPHALT DEMO)

NOT TO SCALE

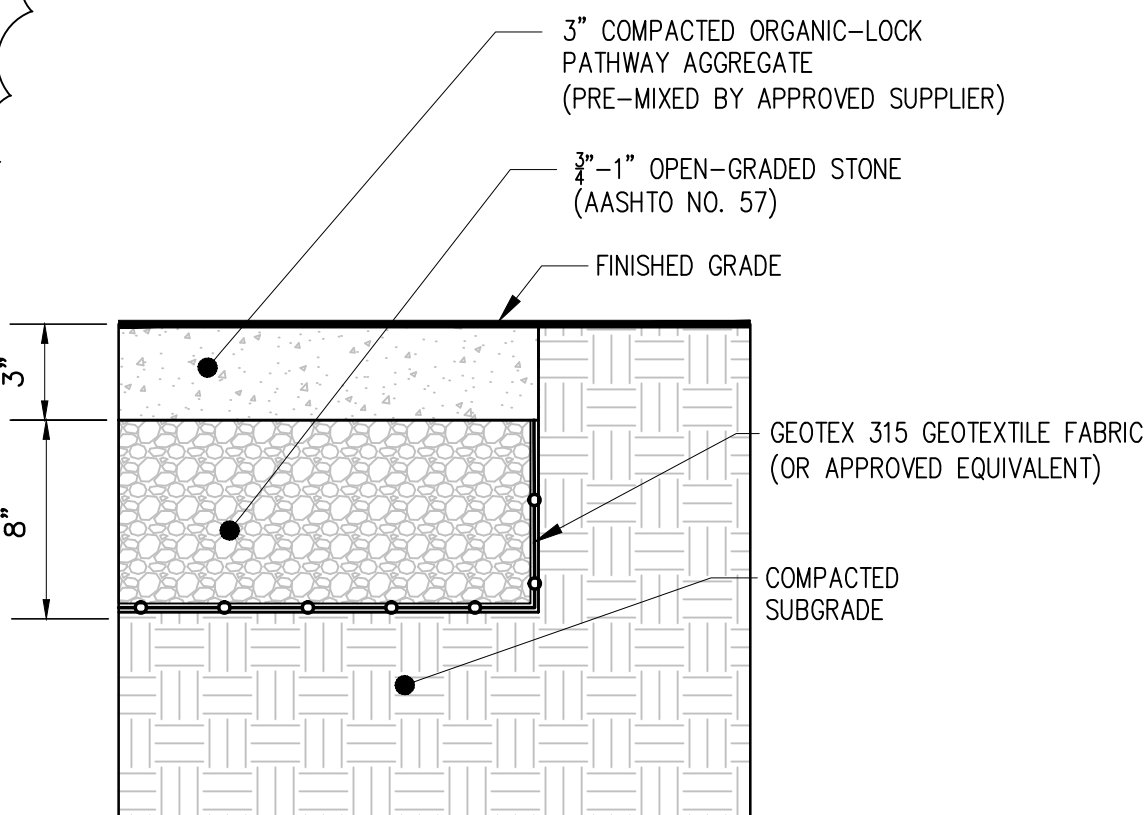


NOTE:

1. ORGANIC-LOCK PATHWAY AGGREGATE, BY ENVIRONBOND PRODUCTS CORPORATION, OR APPROVED EQUAL.

DETAIL: BARRACKS + BATHROOM PATHS,  
STONE FINES PAVING

NOT TO SCALE

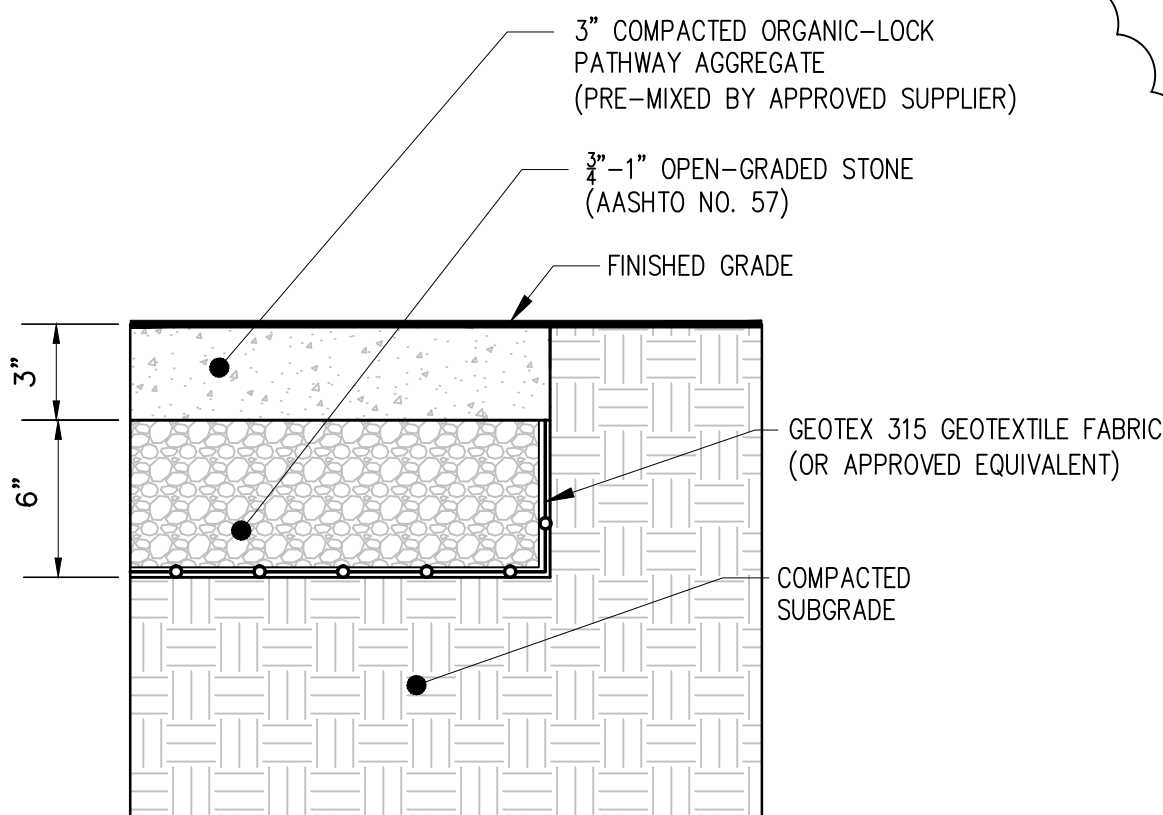


NOTE:

1. ORGANIC-LOCK PATHWAY AGGREGATE, BY ENVIRONBOND PRODUCTS CORPORATION, OR APPROVED EQUAL.

DETAIL: MAINTENANCE ROAD

NOT TO SCALE

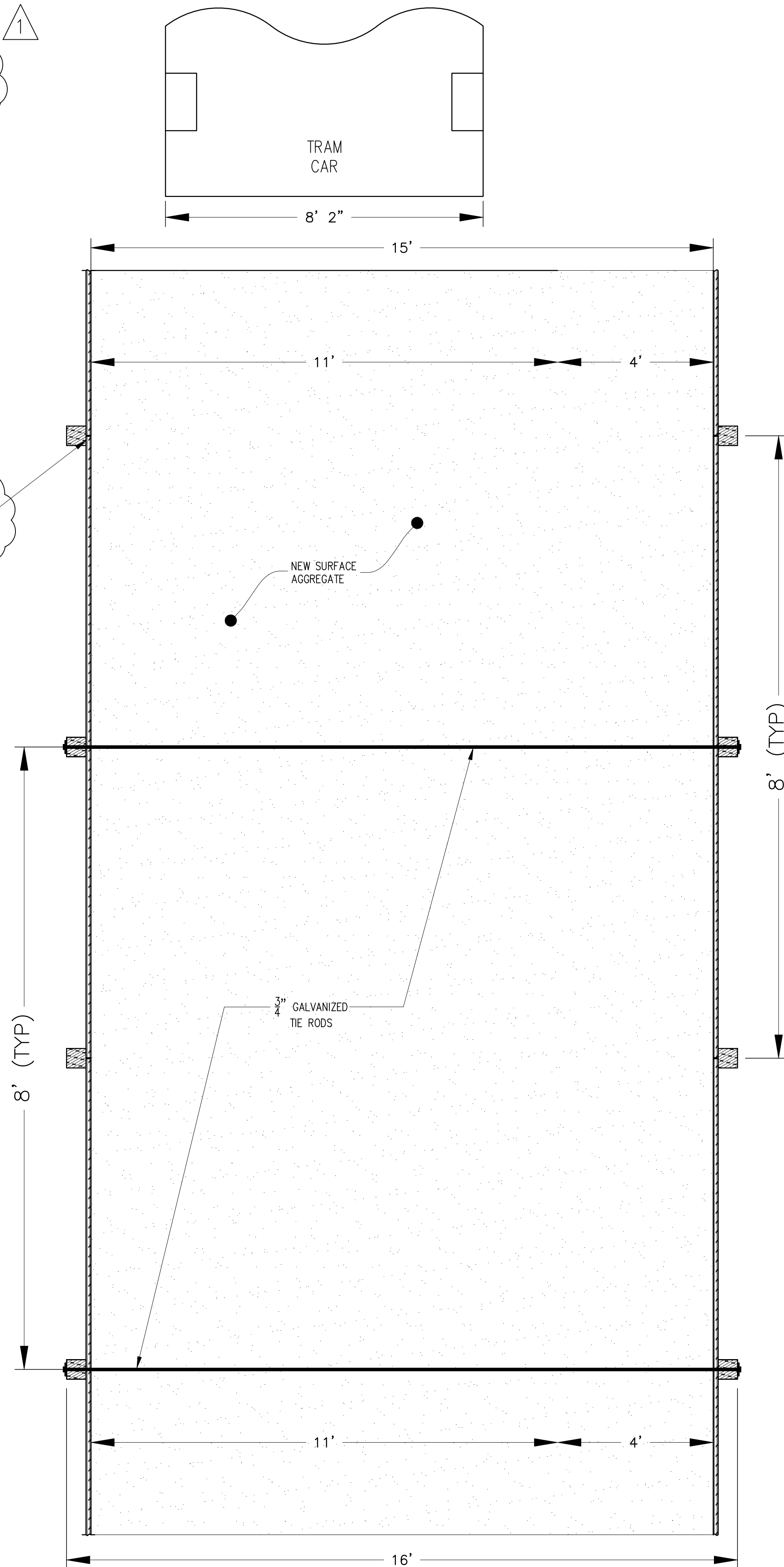


NOTE:

1. ORGANIC-LOCK PATHWAY AGGREGATE, BY ENVIRONBOND PRODUCTS CORPORATION, OR APPROVED EQUAL.

DETAIL: HERONRY PATH

NOT TO SCALE



DETAIL: TYPICAL PLAN VIEW

NOT TO SCALE

REVISION	DATE
JPP SUBMISSION	9.12.18
DESIGN DEVELOPMENT SUBMISSION	2.22.19
DFM COMMENTS	6.17.19
SWM SUBMISSION	9.13.19
PER DNREC COMMENTS	10.7.19
ADDENDUM 2	11.1.19

**CDA** ENGINEERING INC.

CIVIL/SITE ENGINEERING AND LAND PLANNING

6 LARCH AVENUE  
SUITE 401  
WILMINGTON, DE 19804  
Tel: 302 998 9202  
Fax: 302 691 1314  
cdaengineering.com

DRAWN BY:	PJM
CHECKED BY:	CD
PROJECT No.:	18.135.00
SCALE:	NO SCALE
DATE:	10.14.19
CAD FILE:	...DWG1813500 BASE.DWG

APPLICATION No. 2019-049

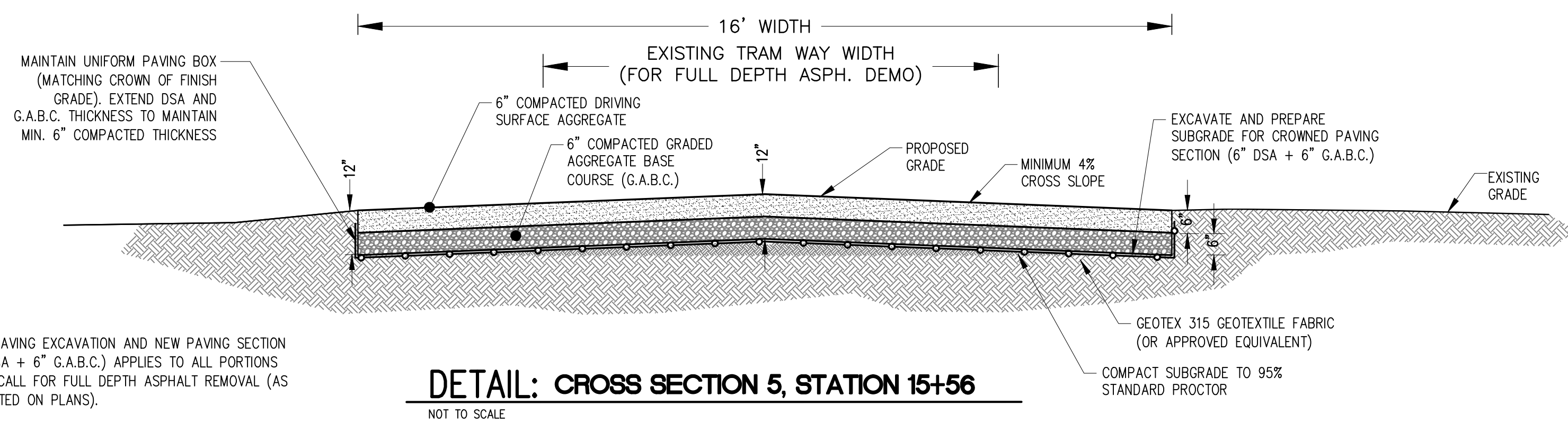
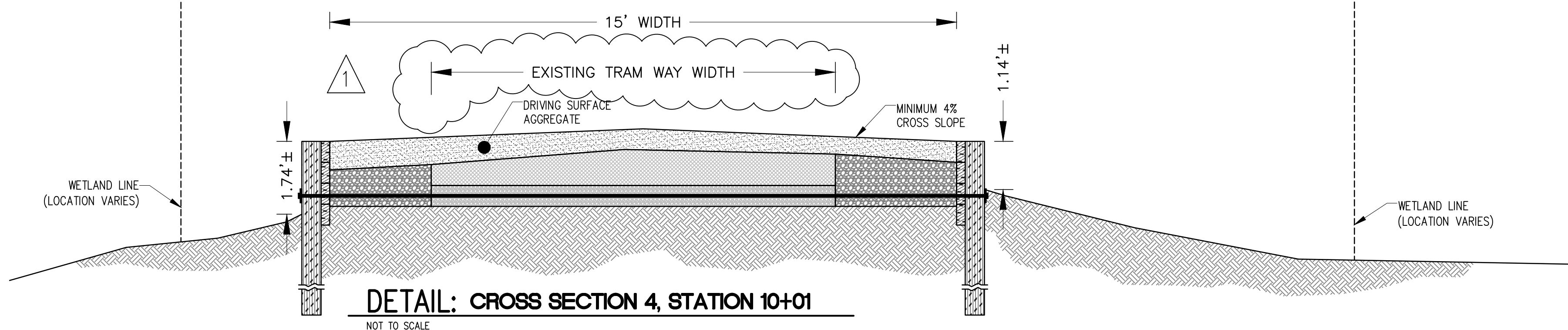
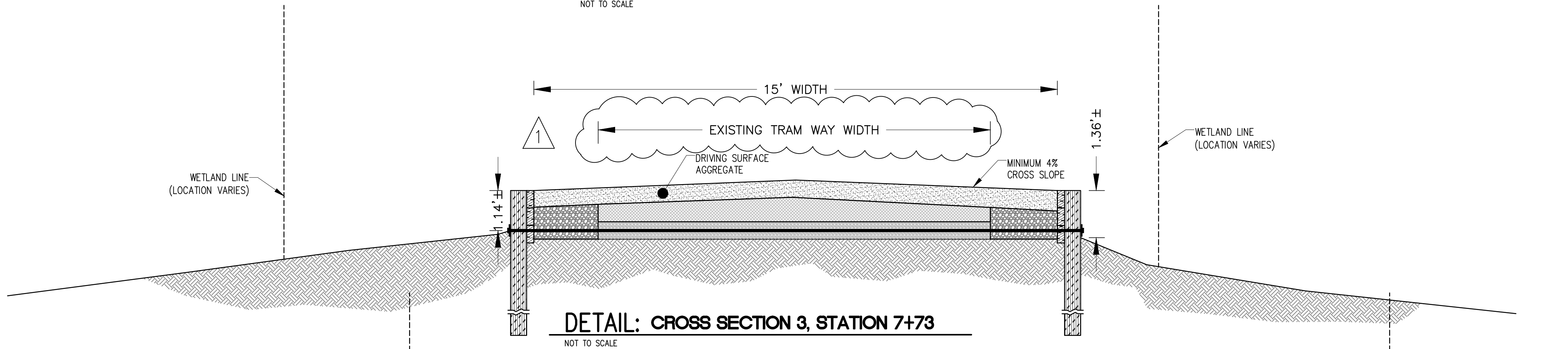
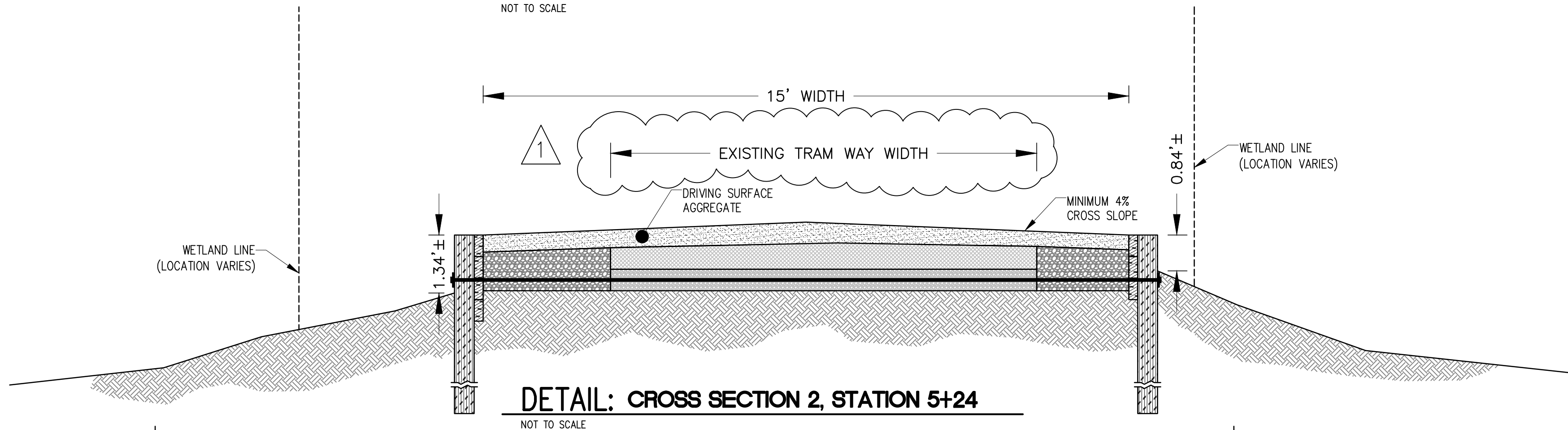
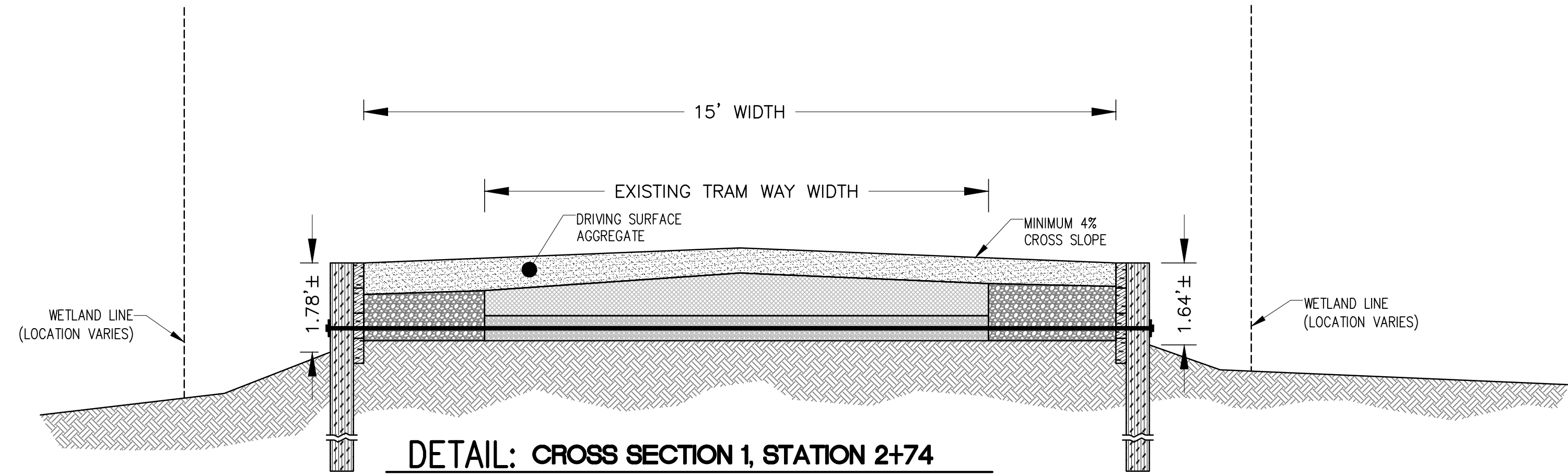
STATE OF DELAWARE  
PEA PATCH ISLAND  
IMPROVEMENTS

RED LION HUNDRED NEW CASTLE COUNTY DELAWARE

DRAWING TITLE: TRAM WAY CROSS SECTION DETAILS

DRAWING NUMBER:

C-07



NOTE:  
THIS PAVING EXCAVATION AND NEW PAVING SECTION  
(6" DSA + 6" G.A.B.C.) APPLIES TO ALL PORTIONS  
THAT CALL FOR FULL DEPTH ASPHALT REMOVAL (AS  
INDICATED ON PLANS).

REVISION	DATE
JPP SUBMISSION	9.12.18
DESIGN DEVELOPMENT SUBMISSION	2.22.19
DFM COMMENTS	6.17.19
SWM SUBMISSION	9.13.19
PER DNREC COMMENTS	10.7.19
ADDENDUM 2	11.1.19

**CDA** ENGINEERING INC.

CIVIL/SITE ENGINEERING AND LAND PLANNING

6 LARCH AVENUE  
SUITE 401  
WILMINGTON, DE 19804

Tel: 302 998 9202  
Fax: 302 691 1314  
cdaengineering.com

DRAWN BY:	PJM
CHECKED BY:	CD
PROJECT No.:	18.135.00
SCALE:	NO SCALE
DATE:	10.14.19
CAD FILE:	...DWG\1813500 BASE.DWG

APPLICATION No. 2019-049

## STATE OF DELAWARE PEA PATCH ISLAND IMPROVEMENTS

RED LION HUNDRED NEW CASTLE COUNTY DELAWARE

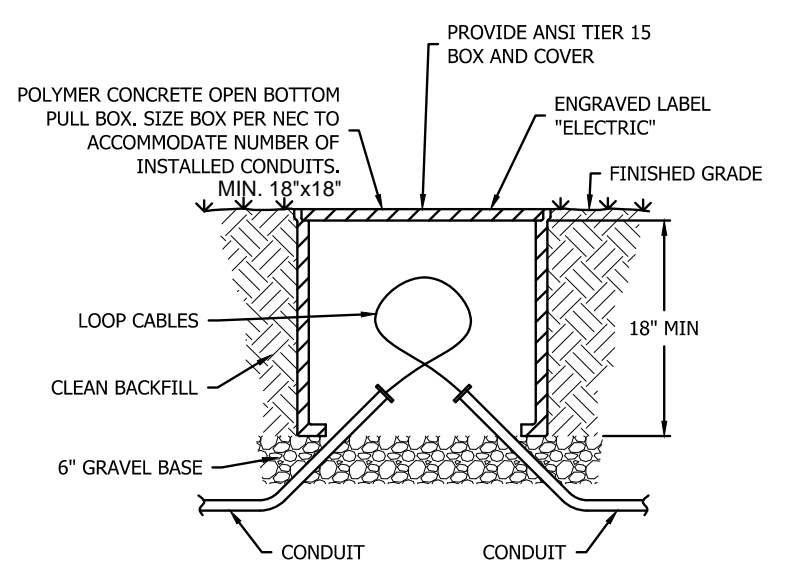
DRAWING TITLE: **TRAM WAY CROSS SECTIONS**

DRAWING NUMBER: **C-08**

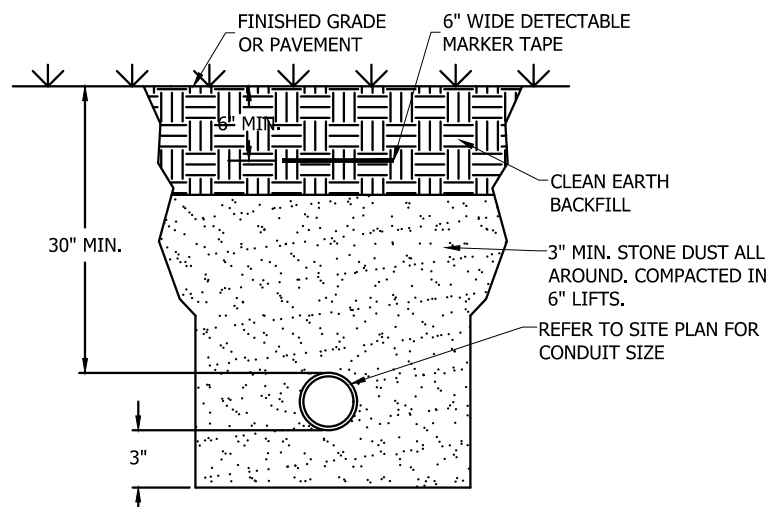




**1 ELECTRICAL SITE PLAN - PEA PATCH ISLAND FORT DELAWARE**  
ES-1 SCALE: NOT TO SCALE



**2 PULL BOX DETAIL**  
ES-1 SCALE: NOT TO SCALE



**3 DIRECT BURIAL CONDUIT**  
ES-1 SCALE: NOT TO SCALE

BY:	
DATE:	
DESCRIPTION:	
FORT DELAWARE STATE PARK	
PEA PATCH ISLAND IMPROVEMENTS	
ELECTRIC DISTRIBUTION	
DESIGNED BY:	KJR
DRAWN BY:	KJR
BUILDING NO.:	N/A
DATE:	11/04/2019
SCALE:	AS NOTED
SHEET NO.:	ES-1
PARKS PROJECT #:	FD-20
CONTRACT #:	